

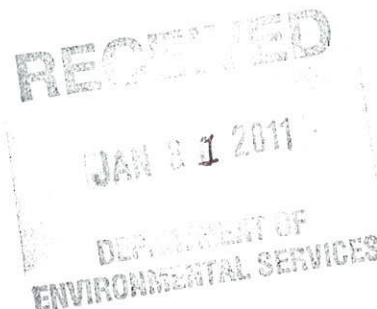


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1  
5 POST OFFICE SQUARE, SUITE 100  
BOSTON, MA 02109-3912

Reg

Gregg



Mr. Paul Currier, P.E.  
Administrator, Watershed Management Bureau  
New Hampshire Department of Environmental Services  
29 Hazen Drive  
P.O. Box 95  
Concord, NH 03302-0095

Dear Mr. Currier:

Thank you for requesting that the U.S. Environmental Protection Agency (EPA) consider approving TMDLs for 8 beach assessment units which are presently listed as impaired on New Hampshire's 2010 303(d) list for aquatic life use support due to low pH resulting from atmospheric acid deposition. As stated in a letter from NHDES, dated January 18, 2011, these assessment units represent beaches located on lakes or ponds that already have approved TMDLs for acid deposition. The EPA agrees that the TMDLs established for each lake as a whole, would also apply to the beach assessment units.

Therefore, the EPA has determined that the FY07 TMDL approvals for the lakes and ponds are sufficient to address the impacts of acid deposition on each of the 8 beach assessment units. The beach assessment units and associated lakes/ponds are presented in Table 1. Please feel free to contact me or Steven Winnett of my staff (617 918-1687) if you have any questions.

Sincerely,

Stephen S. Perkins, Director  
Office of Ecosystem Protection

Enclosure

cc: Harry Stewart (NHDES)  
Gregg Comstock (NHDES)  
Peg Foss (NHDES)  
Stephen Silva (EPA)  
Steven Winnett (EPA)

**Table 1. Acid impaired beach assessment units and associated lakes/ponds.**

<b>AU Count</b>	<b>AUID</b>	<b>AUName</b>	<b>Town</b>	<b>Parent Waterbody</b>	<b>TMDL ID Number</b>
1	NHIMP700061403-04-02	Tricklin' Falls Beach	Kingston	Pow-wow Pond	33878
2	NHLAK600020605-02-02	State Park Beach	Tamworth	White Lake	11460
3	NHLAK700030302-04-02	Massasecum Casino Beach	Bradford	Lake Massasecum	33878
4	NHLAK700030302-04-03	French's Park Town Beach	Bradford	Lake Massasecum	33878
5	NHLAK700030302-04-04	Camp Piesault Beach	Bradford	Lake Massasecum	33878
6	NHLAK700061101-01-02	Chase's Grove	Hampstead	Island Pond	33878
7	NHLAK700061101-01-03	Sanborn Shore Acres	Hampstead	Island Pond	33878
8	NHLAK802010101-06-02	Town Beach	Washington	Millen Pond	11500

**TMDL:** FY11 TMDLs for Acid Impaired Pond Beaches in New Hampshire

**Introduction:** New Hampshire has requested approval of 8 TMDLs that address pH impairments in 8 pond beachess. The TMDLs establish critical loads of acidity that will result in attainment of the State's pH criterion of 6.5 SU.

**Date of Review:** January 26, 2011

## **REVIEW ELEMENTS OF TMDLs**

Section 303(d) of the Clean Water Act (CWA) and EPA's implementing regulations at 40 C.F.R. § 130 describe the statutory and regulatory requirements for approvable TMDLs. The following information is generally necessary for EPA to determine if a submitted TMDL fulfills the legal requirements for approval under Section 303(d) and EPA regulations, and should be included in the submittal package. Use of the verb "must" below denotes information that is required to be submitted because it relates to elements of the TMDL required by the CWA and by regulation.

**Please see:**

- **Approval letter dated January 26, 2011**
- **List of impaired waters (attached)**
- **Approval document for 158 Acid Impaired Ponds in New Hampshire, dated September 19, 2007.**

## Data for entry in EPA's National TMDL Tracking System

TMDL Name	<b>Eight Acid Beaches</b>
Number of TMDLs*	8
Type of TMDLs*	pH
Number of listed causes (from 303(d) list)	8
Lead State	New Hampshire (NH)
TMDL Status	Final

**Individual TMDLs listed below**

TMDL Segment name	TMDL Segment ID #	TMDL Pollutant ID# & name	TMDL Impairment Cause(s)	Pollutant endpoint	Unlisted?	NHDES Point Source & ID#	Listed for anything else?
Tricklin' Falls Beach on Pow-wow Pond	NHIM/P700061403-04-02	33 (pH)	pH	pH 6.5			
State Park Beach on White Lake	NHL/AK600020605-02-02	33 (pH)	pH	pH 6.5			Yes, bacteria
Massasecum Casino Beach on Lake Massasecum	NHL/AK700030302-04-02	33 (pH)	pH	pH 6.5			Yes, DO sat
French's Park Town Beach on Lake Massasecum	NHL/AK700030302-04-03	33 (pH)	pH	pH 6.5			Yes, DO sat
Camp Piesaulle Beach on Lake Massasecum	NHL/AK700030302-04-04	33 (pH)	pH	pH 6.5			Yes, DO sat
Chase's Grove on Island Pond	NHL/AK700061101-01-02	33 (pH)	pH	pH 6.5			Yes, bacteria
Sanborn Shore Acres on Island Pond	NHL/AK700061101-01-03	33 (pH)	pH	pH 6.5			
Town Beach on Millen Pond	NHL/AK802010101-06-02	33 (pH)	pH	pH 6.5			Yes, bacteria & Al
TMDL Type		Nonpoint Sources					
Establishment Date (approval)*		Jan 26, 2011					
EPA Developed			No				
Towns affected*	Bradford, Hampstead, Kingston, Tannworth, Washington						